Enterprise Computing Solutions - Education Services

# TRAINING OFFERING

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# FCP - Cloud Security for AWS Administrator

| CODE: | LENGTH: | PRICE: |
| --- | --- | --- |
| FNT_FT-AWS-CDS | 16 Hours (2 days) | €1,057.00 |

## Description

In this course, you will learn about the different components that make up the Amazon Web Services (AWS) infrastructure and the security challenges these environments present, including high availability (HA), load balancing, and software-defined networking (SDN) connectors, and how to manage traffic in the cloud with Fortinet products.
Product Versions

- FortiOS 7.4

## Objectives

After completing this course, you should be able to:

- Understand the concept of the public cloud
- Know the various AWS public cloud service terms
- Identify threats and challenges in the public cloud
- Secure the AWS cloud
- Understand various public cloud deployments
- Describe Fortinet licensing models
- Be familiar with Github
- Describe AWS service components
- Identify AWS core networking components
- Identify AWS security components
- Describe AWS network firewall limitations
- Understand traffic flow in a virtual network
- Understand layer 2 traffic flow
- Understand routing and restrictions
- Identify Fortinet products on AWS Marketplace
- Understand Fortinet deployments in AWS
- Understand Fortinet offerings for web application firewall (WAF)in AWS
- Describe FortiWeb Cloud
- Understand different HA architectures in AWS
- Identify FortiGate native active-passive HA
- Understand FortiGate active-passive HA across two AZs
- Be familiar with AWS CloudFormation
- Identify different types of load balancers
- Understand FortiGate active-active HA with AWS ELB
- Understand GWLB
- Understand FortiGate CNF
- Identify the differences between FortiGate CNF and FortiGate VMs

## Audience

Anyone who is responsible for the deployment or day-to-day management of Fortinet solutions on AWS should attend this course.

## Prerequisites

General knowledge of IaaS vendors and experience with FortiGate VMs.
**AWS Prerequisites**

No prerequisites required. AWS accounts are provided at the start of the course.
**System Requirements**
If you take the online format of this class, you must use a computer that has the following:

- A high-speed internet connection
- An up-to-date web browser
- A PDF viewer
- Speakers or headphones
- One of the following:
  HTML5 support;
  An up-to-date Java Runtime Environment (JRE) with Java plugin enabled in your web browser

You should use a wired Ethernet connection, not a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connections to the online labs.

## Programme

1. Introduction to the Public Cloud
2. AWS Components
3. Fortinet Products and Deployments for AWS
4. High Availability in AWS
5. Load Balancers in AWS

## Test and Certification

Exam:

This course prepares you for the FCP - AWS Cloud Security 7.4 Administrator exam. By passing this exam, you will be awarded the associated exam badge.
Certification:

This exam is part of the FCP Public Cloud Security certification track.

## Session Dates

On request. Please contact us

## Additional Information

This training is also available as onsite training. Please contact us to find out more.